

AMENDMENTS TO THE SPECIFICATION

Amend the specification by inserting before the first line the sentence:

This is a continuation of Application No. 10/144,766 filed May 15, 2002; the disclosure of which is incorporated herein by reference.

Please replace the first full paragraph on Page 3 with the following new paragraph:

The object of this invention is to solve the above problems, that is, to provide a liquid jetting apparatus that can prevent a viscosity of liquid from increasing, even if a liquid whose viscosity tends to increase is used, such as an ink-jet recording apparatus.

Please replace the last paragraph beginning on Page 17 and bridging on Page 18 with the following new paragraph:

The ink can be jetted from the nozzles 51 by changing the volumes of the pressure chambers 36. In more detail, when electric power is supplied to a piezoelectric vibrating member 35, the piezoelectric vibrating member 35 contracts in a direction perpendicular to a direction of the electric field. Then, the first lid 37 is deformed in such a manner that a pressure chamber 36 corresponding to the piezoelectric vibrating member 35 contracts with respect to an original state thereof. On the other hand, when electric charges are discharged from the piezoelectric vibrating member 35, the piezoelectric vibrating member 35 expands in the direction perpendicular to the direction of the electric field. Then, the first lid 37 is deformed in such a manner that the pressure chamber 36 corresponding to the piezoelectric vibrating member 35 expands back to the original state thereof. When the pressure chamber 35 contracts rapidly

after the pressure chamber 36 has expanded, a pressure of ink in the pressure chamber 36 increases rapidly. Thus, an ink drop is jetted from the nozzle 51 corresponding to the pressure chamber 36 as shown by an alternate long and short dash line in Fig.3B.

Please replace the second full paragraph on Page 30 with the following new paragraph:

According to the above control, even after the ink drop or drops are jetted, the meniscus or menisci 52 can minutely vibrate to prevent the viscosity of the ink from increasing. Thus, even if one or more ink drops are jetted only in a former part of a line, it can be prevented that the viscosity of the ink increases. Thus, it can be prevented that the recording operation for the next line is badly influenced thereby. This effect may be remarkable when a large-sized recording paper is used.